

1718-1728 McCARTER HIGHWAY REAR, BLOCK 614, LOT 61  
**BLDG. 6 & 6-A (Former Boiler House/Engineering Room)**  
**p/o Former Pittsburgh Plate Glass Co.**  
City of Newark, Essex County New Jersey  
PMK/BSG Job No. 081855

## **Appendix 1**

- (2A.) Past Commercial/Industrial Operations**
- (2B.) Recent Commercial/Industrial Operations**

**ITEM 2A. PAST COMMERCIAL/INDUSTRIAL OPERATIONS**  
**ITEM 2B. RECENT COMMERCIAL/INDUSTRIAL OPERATIONS**

This summary of past and recent operations of the Site was compiled through review of NJDEP Site Remediation Program files, historic Sanborn Fire Insurance Maps, and review of aerial photographs.

**At least 1892 to 1901**– The 1892 Sanborn Map depicts the Site location as located within the Passaic River with the irregular, historic river shoreline located to the west adjacent to the former Lackawanna Railroad line. The 1909 Sanborn Map depicts the Site with the current bulkheaded east boundary along the Passaic River approximately 350 feet from the rail line and the former Passaic River shoreline. Therefore, filling of the Site area began between 1892 and 1901.

**1901 through 1971** – The PPG Plan depicts the existing Site structure (Bldg 6 & 6-A) with notations indicating that the building was constructed in 1901 and operated as the boiler house, engineering room and incinerator for the PPG complex. Bldg 6-A was likely utilized as a control room for the electrical transformer enclosures along the north and west sides of Bldg 6. Records reviewed for this PAR indicate that PPG operations at the Site terminated in 1971. The boiler stack was removed between 1979 and 1987 indicating that the boiler house operation was likely terminated as the greater complex was converted to natural gas fuel for heating and operations.

**1983 to 1997**–The Site was utilized as a drum storage structure by Baron Blakeslee and Frey Industries from 1983 until the period from 1995-1997 when the City of Newark took possession via tax lien foreclosure.

**1997 to Present**–There has been no authorized or documented use or operations at the Site since 1997. Unauthorized use of the structure and grounds for storage of material may have occurred.

**Former investigations and groundwater sampling results from April 2006:** Federated Environmental Associates, Inc. conducted Phase I and Phase II investigations at off-Site Lot 62 (Bldg 9) and Lot 66 (Bldg 17) on behalf of Chemical Compounds, Inc. On April 12, 2006, Federated installed boring **TB-3** at the northeast corner of the subject Site (1718-1728 McCarter Hwy Rear) adjacent to the Bldg 6 structure. According to the summary letter dated May 2, 2006 provided to Chemical Compounds by Federated, the groundwater sampling results from on-Site boring **TB-3** (collected from approximately 6.0 feet below grade) are provided below. The Conclusion passage of the Federated Summary Letter does not reference any NJDEP Case Number and does not make any recommendation for the reporting of the exceedances of the then-current Groundwater Quality Criteria. The Federated Summary Letter states that additional testing would be

required for confirmation of the results. BSG-PMK has not reviewed any additional or subsequent reports or documents for the April 2006 groundwater sampling.

<b><u>Parameter</u></b>	<b><u>Result</u></b>	<b><u>Current Groundwater Quality Criteria</u></b>
Cadmium	23 ug/l	4 ug/l
Chromium	260 ug/l	70 ug/l (total)
Lead	6,300 ug/l	5 ug/l
Benzene	1 ug/l	1 ug/l
1,1-dichloroethane	9 ug/l	50 ug/l
Cis-1,2-dichloroethene	20 ug/l	70 ug/l
Isopropyl benzene	1 ug/l	700 ug/l
Tetrachloroethene	8 ug/l	1 ug/l
Toluene	30 ug/l	600 ug/l
Trichloroethene	9 ug/l	1 ug/l
Vinyl chloride	11 ug/l	1 ug/l

*End of Past/Recent Operations Summary*